

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Patent Application of:

Mitsuo SEKINE et al.

Application No.: 10/590,232

Confirmation No.: 6911

Filed: April 13, 2007

Art Unit: 1626

For: ELECTROCHEMICALLY ACTIVE LIGAND  
FOR SEQUENCE-SPECIFIC DETECTION  
OF DOUBLE-STRANDED NUCLEIC ACID  
MOLECULE

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Examiner: J.R. KOSACK

**AMENDMENT UNDER 37 C.F.R. § 1.116**

**MS AF**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INTRODUCTORY COMMENTS**

In reply to the Office Action dated April 7, 2010, the following amendments and remarks are respectfully submitted in connection with the above-identified application.

**Amendments to the Claims** begin on page 2.

**Remarks** begin on page 11.